

**rhIGF-I**  
**pH Screen Study**  
**% Main Peak by CN-RP-HPLC**  
**50°C**

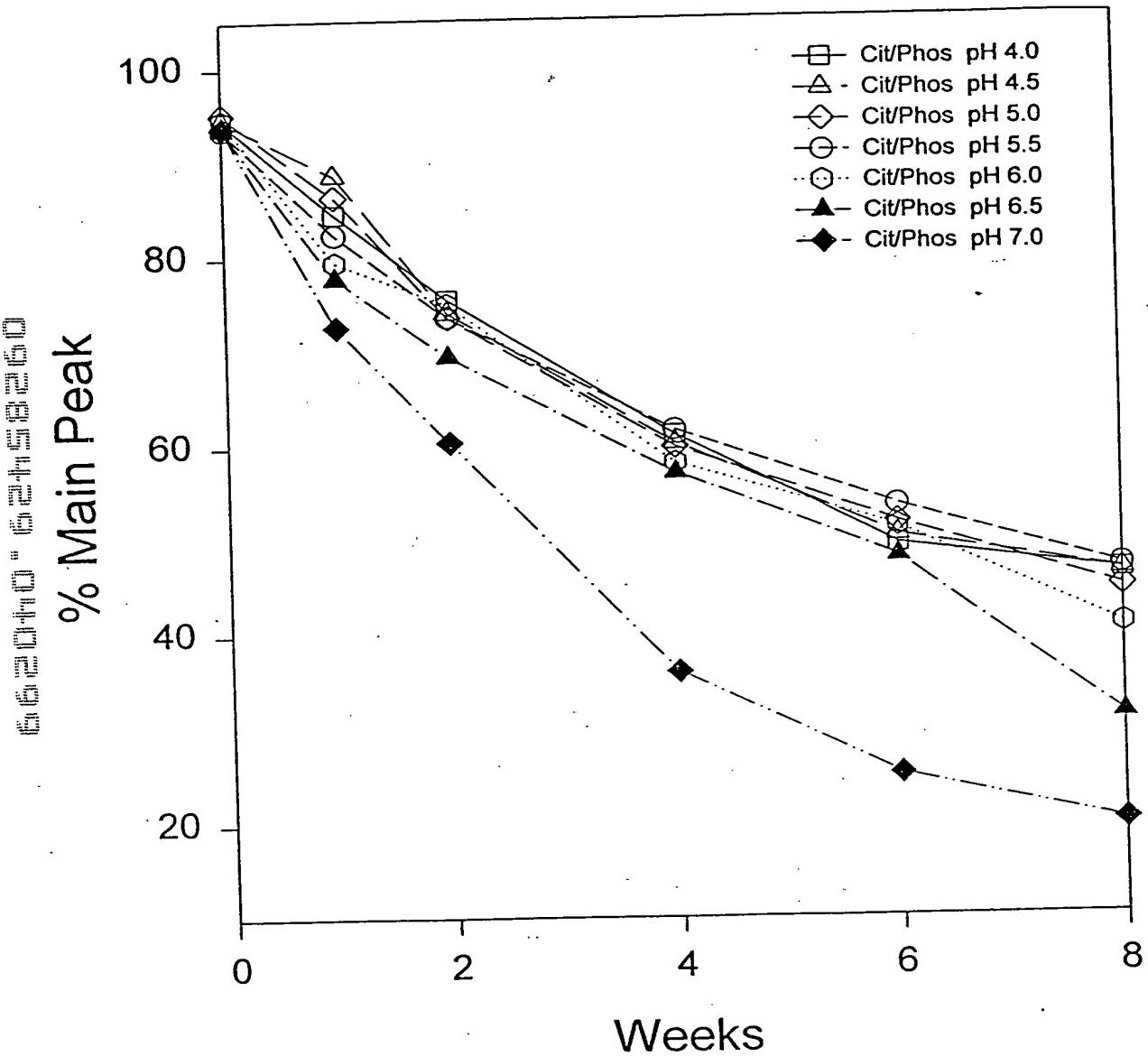


Figure 1

**rhIGF-I**  
**pH Screen Study**  
**% Activity by Mitogenic Bioassay**  
**50°C**

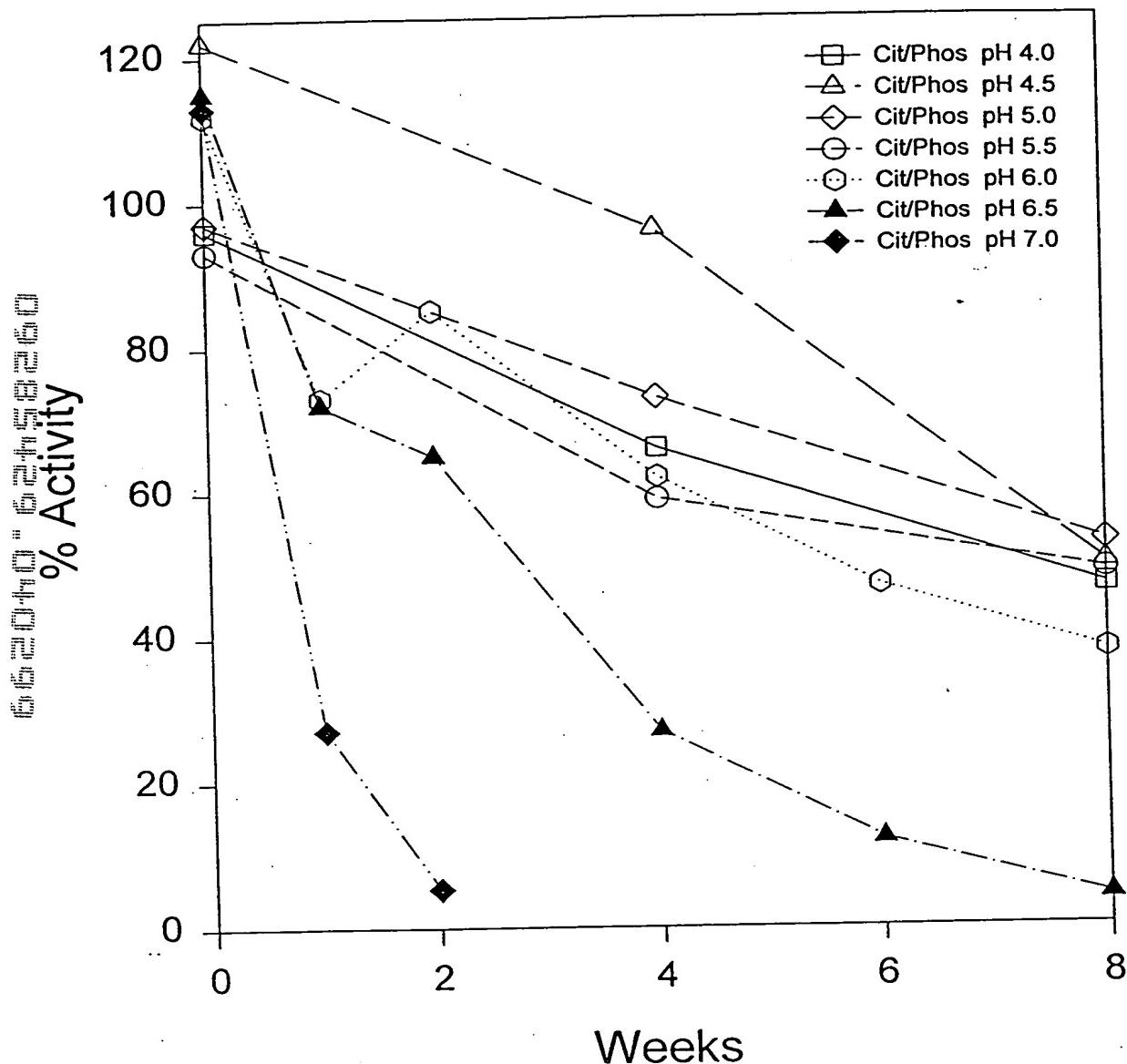


Figure 2

**rhIGF-I**  
**Buffer Compatibility Study**  
**% Main Peak by CN-RP-HPLC**  
**50°C**

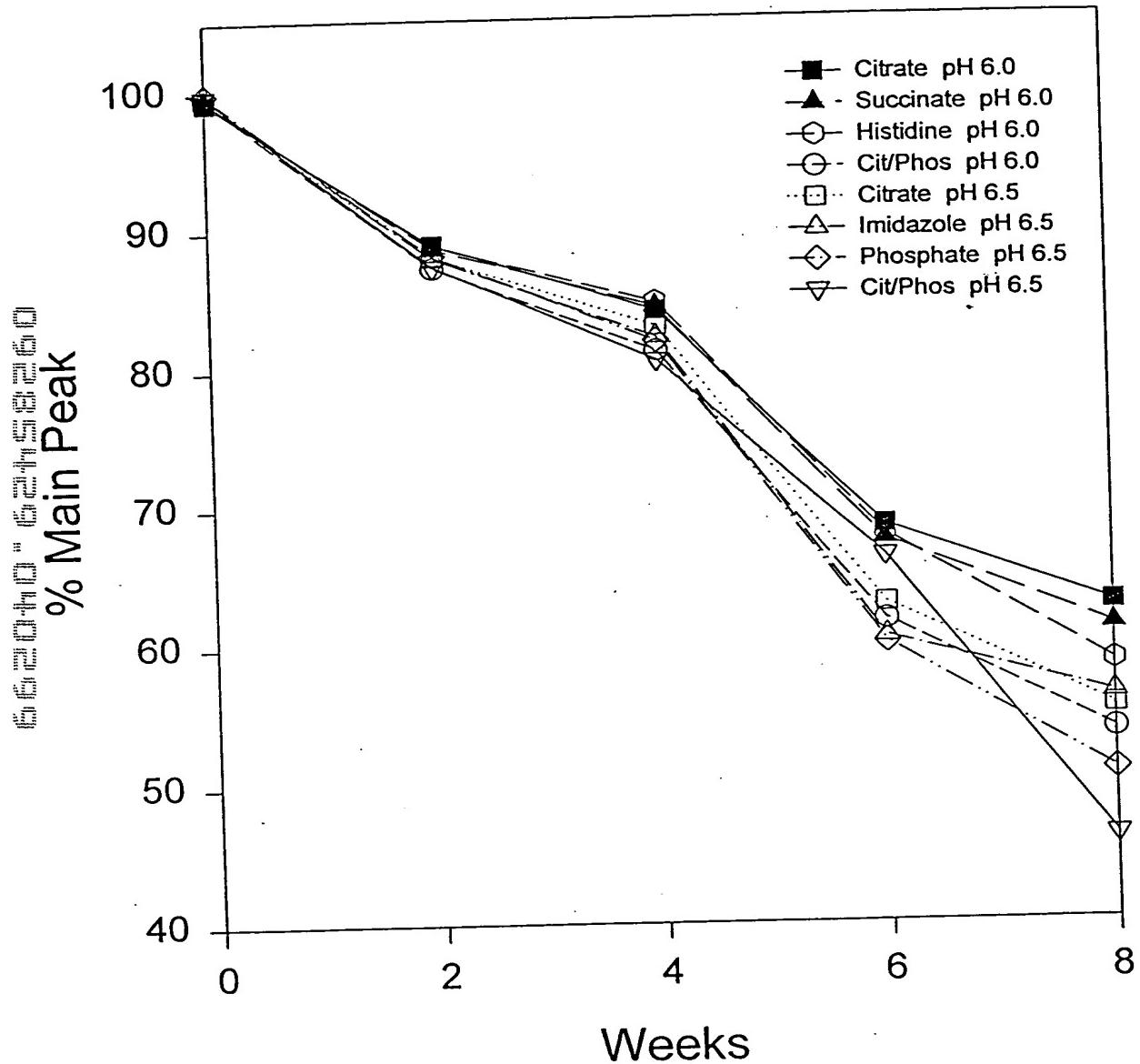


Figure 3

**rhIGF-I**  
**Buffer Compatibility Study**  
**% Monomer by Non-reducing SDS-PAGE**  
**50°C**

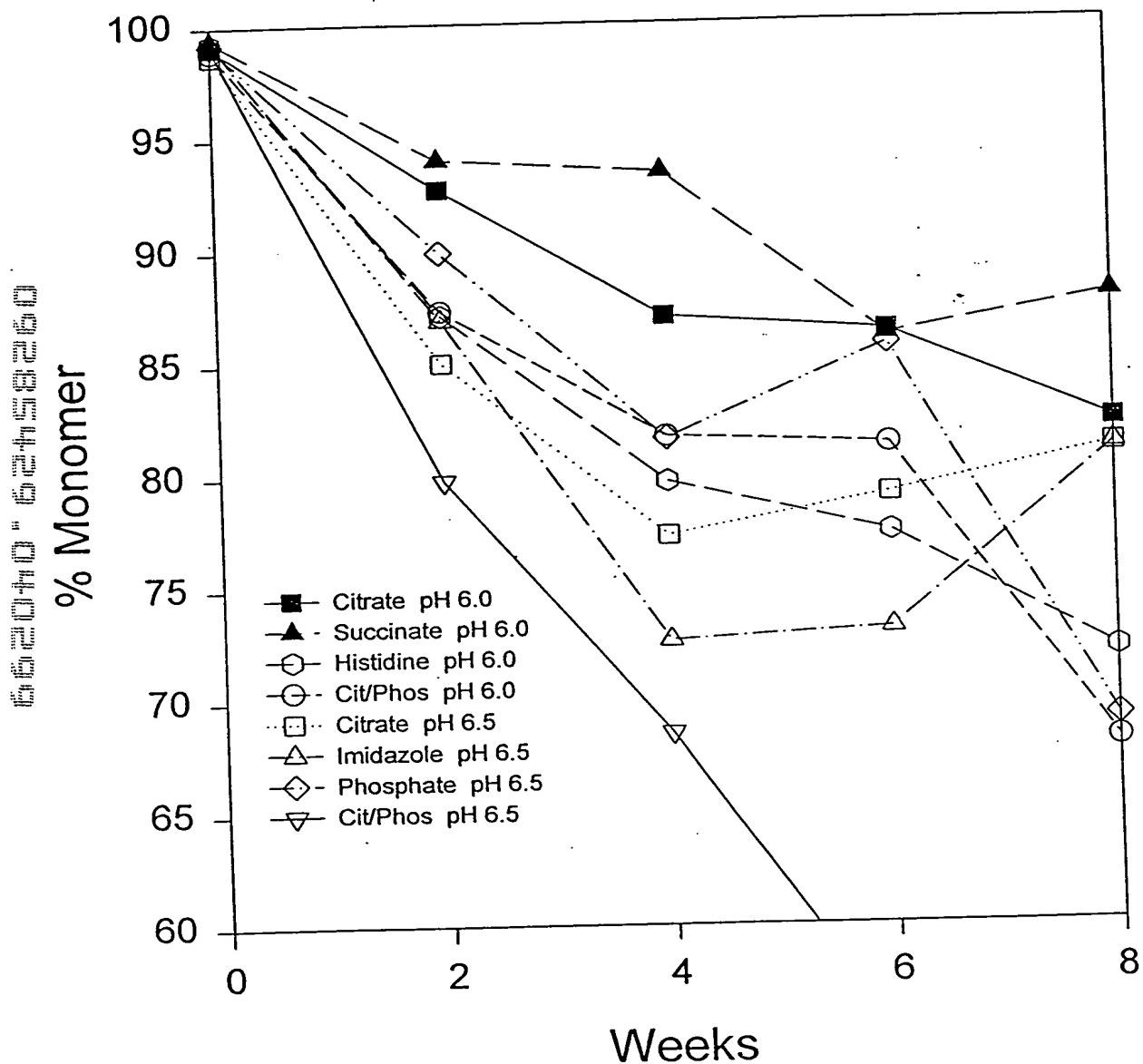


Figure 4

**rhIGF-1**  
**Citrate-Succinate Concentration Study**  
**% Monomer by Non-Reducing SDS-PAGE**  
**50°C**

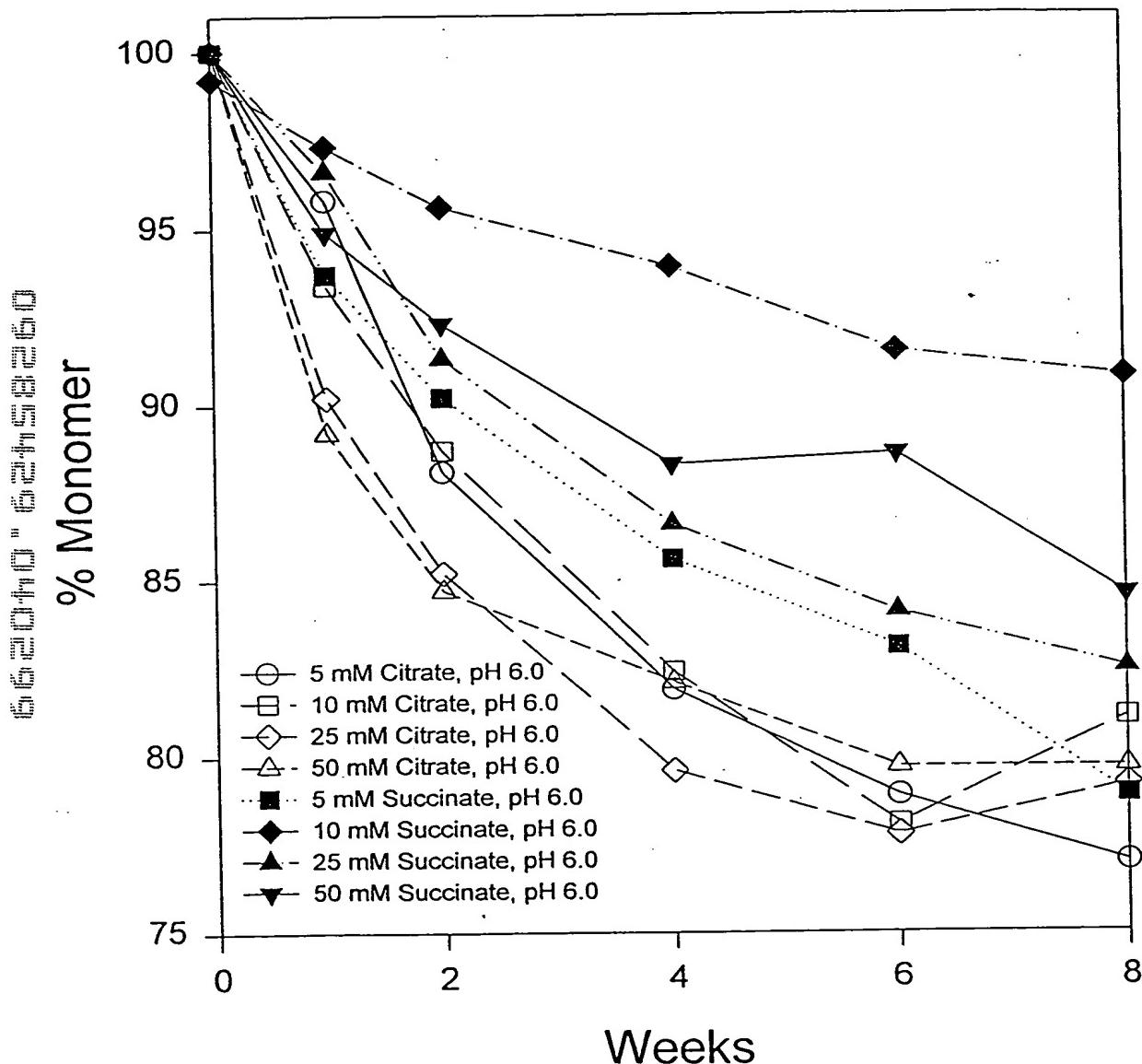


Figure 5

**rhIGF-1**  
**Citrate-Succinate Concentration Study**  
**% Activity by Mitogenic Bioassay**  
**50°C**

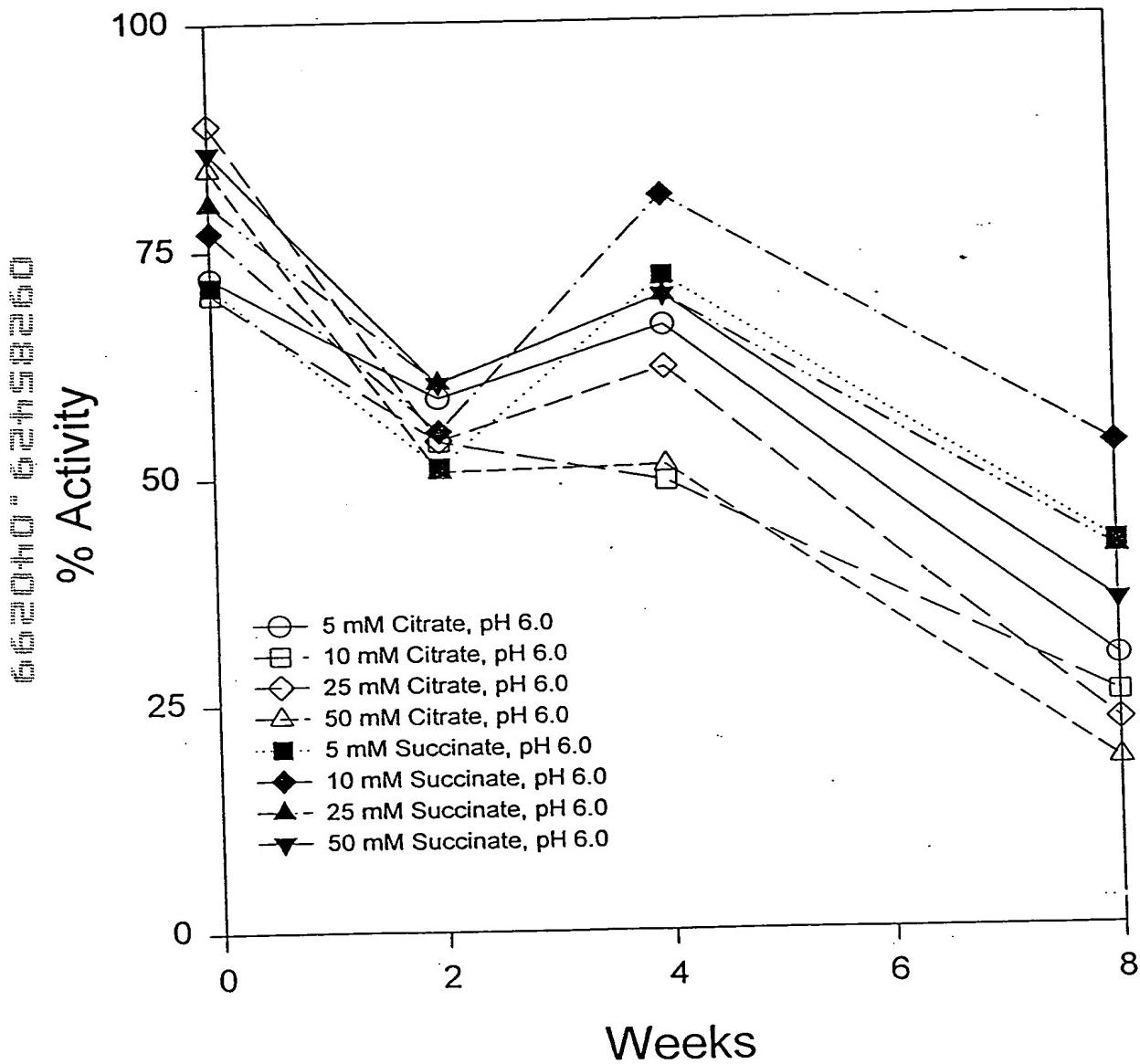


Figure 6

# Predicted Painfulness of Test Buffers

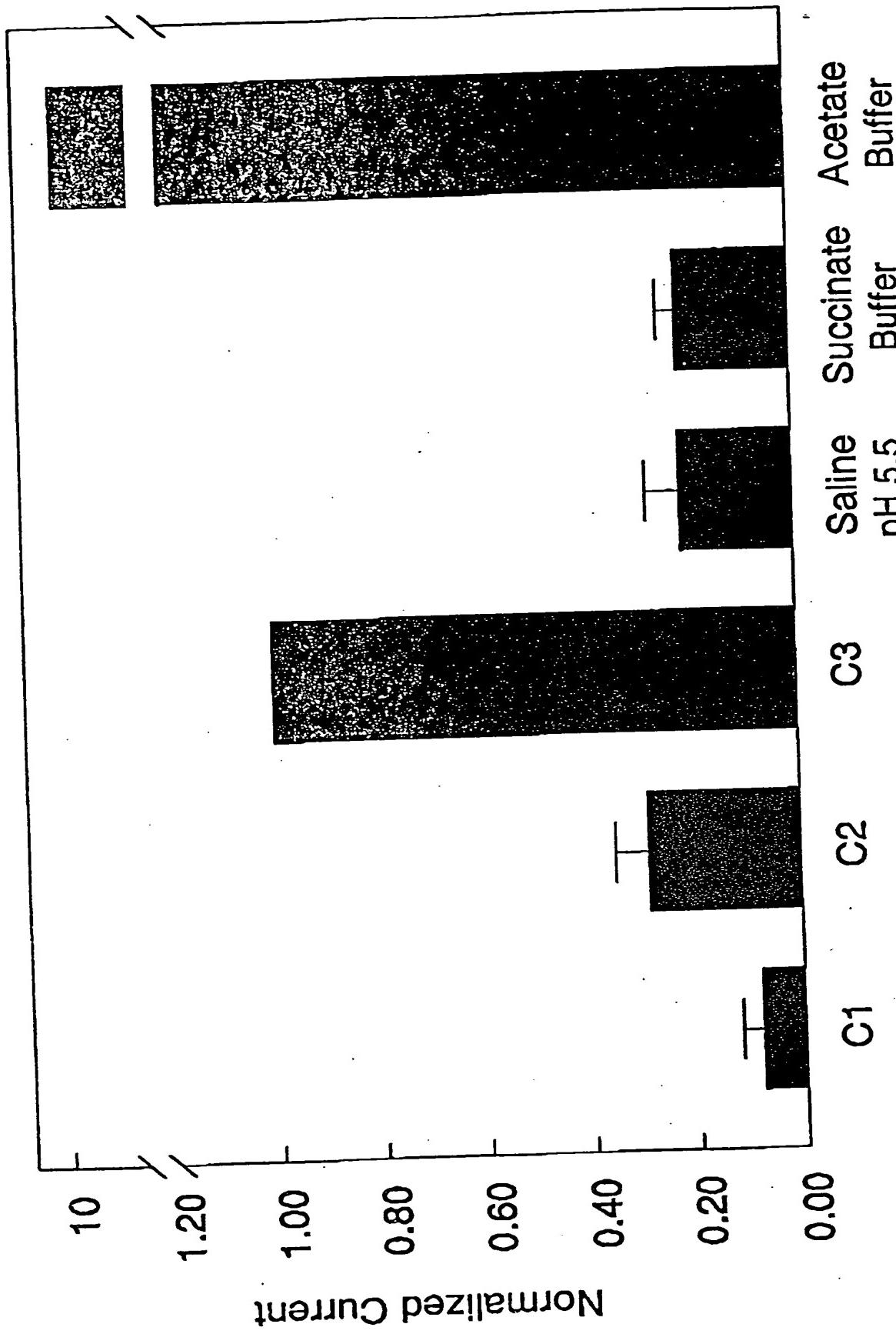


Figure 7

Study Group Design with Inflammation Grades

Group*	Vehicle Control/Test Article Designation	Site 1 (0.9% saline)			Site 2 (vehicle control)			Site 3 (test article)		
		minimal	2**	minimal	3	minimal	0	minimal	0	minimal
1	A	minimal	0	mild	0	mild	3	mild	3	mild
		mild	0	moderate	0	moderate	0	moderate	0	moderate
		moderate	0	severe	0	severe	0	severe	0	severe
2	B	minimal	2	minimal	2	minimal	2	minimal	0	minimal
		mild	0	mild	0	mild	0	mild	4	mild
		moderate	0	moderate	0	moderate	0	moderate	0	moderate
		severe	0	severe	0	severe	0	severe	0	severe
3	C	minimal	3	minimal	1	minimal	1	minimal	0	minimal
		mild	1	mild	3	mild	1	mild	1	mild
		moderate	0	moderate	0	moderate	0	moderate	3	moderate
		severe	0	severe	0	severe	0	severe	0	severe
4	D	minimal	1	minimal	2	minimal	2	minimal	2	minimal
		mild	1	mild	0	mild	0	mild	0	mild
		moderate	0	moderate	0	moderate	0	moderate	2	moderate
		severe	0	severe	0	severe	0	severe	0	severe
5	E	minimal	1	minimal	2	minimal	1	minimal	1	minimal
		mild	1	mild	0	mild	3	mild	3	mild
		moderate	0	moderate	0	moderate	0	moderate	0	moderate
		severe	0	severe	0	severe	0	severe	0	severe
6	F	minimal	2	minimal	2	minimal	1	minimal	1	minimal
		mild	0	mild	0	mild	3	mild	3	mild
		moderate	0	moderate	0	moderate	0	moderate	0	moderate
		severe	1	severe	0	severe	0	severe	0	severe

\*four rabbits/group

\*\*mean of anterior/lateral nostril scores = 4

FIGURE 8